09-764686

Practitioner's Docket No. MSU 4.1-456

**PATENT** 

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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,800,266 \$2\_

Issued: October 5, 2004

Name of Patentee: Thomas J. Pinnavaia, Thomas R. Pauly and Seong-Su Kim

Title of Invention: PROCESS FOR THE PREPARATION OF HYBRID MESOPOROUS MOLECULAR SIEVE SILICAS FROM AMINE SURFACTANTS

**Commissioner for Patents** 

P.O. Box 1450

Alexandria, VA 22313-1450

# REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR APPLICANT'S MISTAKE (37 C.F.R. § 1.323) AND PTO MISTAKE (37 CFR 1.322(a))

1. It is noted that an error appears in this patent of a

Certificate

DEC 1 4 2004

of Correction

nature or character, as more fully described below. It occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. A certificate of correction is requested.

2. Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

NOTE: Form PTO/SB/44 (also Form PTO-1050), using the column and line number in the printed patent, should be used exclusively, regardless of the length or complexity of the subject matter. M.P.E.P. § 1485, 7th ed.

NOTE: The patent grant should be retained by the patentee. The PTO does not attach the certificate of correction to the patentee's copy of the patent. The patent grant will be returned to the patentee if submitted.

M.P.E.P. § 1485, 7th ed.

Request for Certificate of Correction of Patent for Applicant's Mistake (37 C.F.R. § 1.323) [14-2] —page 1 of 3)

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- 3. The exact page and line number where the error occurs in the application file are:
- NOTE: This information should be identified in this request, however, on Form PTO-1050, only the column and line number in the printed patent should be used. M.P.E.P. § 1485.
- Column 1, line 27, (Page 1, line 19), "surfactants surfactants for the" should be -surfactants, for the-.
- Column 2, lines 50, (Page 5, line 5), "U.S. Patent No. 6,143,879" should be -U.S. Patent No. 5,143,879-.
- Column 4, lines 6-9, (Page 8, lines 7-9), (second occurrence duplicate lines 1-5) "(c) aging the reactive silica species from step (b), preferably for no less than 5 minutes, at a temperature greater than  $-20^{\circ}$ C in anhydrous form. The silica has the formula:" should be deleted.
- Column 4, lines 14 and 15, (Amendment Dated 11/13/03 Page 2, lines 8 and 9), "wherein  $1.0 \ge w \ge 0$  and  $1.5 \ge x \ge 0$  and wherein M when present is one or more metal ions." should be deleted.
- Column 10, line 45, (Page 23, line 4), "degrees (20) at" should be -degrees (20) at-.
- Column 17, line 44, (Page 39, line 1), "deceasing H-bonding" should be -decreasing H-bonding-.
- Column 19, line 20, (Page 42, line 24), "degrees (20)" should be -degrees (20)-
- Column 21, line 38, (Page 47, line 27), "0.79 moles NAOH" should be -0.79 moles NaOH-.
- Column 25, Claim 26, line 1, (Old Claim 33, line 1), "claim 27" should be -Claim 20-.

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NOTE: The certificate of correction for applicant's mistake may be signed by the attorney of record, unlike that for PTO mistake where the patentee or an owner of an interest in the invention must make the request.

Customer No.: 21036

Request for Certificate of Correction of Patent for Applicant's Mistake (37 C.F.R. § 1.323) [14-2] —page 3 of 3)

Okemos, Michigan 48864

PATENT NO :

6,800,266 B2

DATED

October 5, 2004

INVENTOR(S):

Thomas J. Pinnavaia, Thomas R. Pauly and

Seong-Su Kim

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 27, "surfactants surfactants for the" should be -surfactants, for the-.

Column 1, line 62, "areas (-800-1200" should be -areas (~800-1200-.

Column 2, lines 50, "U.S. Patent No. 6,143,879" should be -U.S. Patent No. 5,143,879-.

Column 4, lines 6-9, (second occurrence duplicate lines 1-5) "(c) aging the reactive silica species from step (b), preferably for no less than 5 minutes, at a temperature greater than -20°C in anhydrous form. The silica has the formula: " should be deleted.

Column 4, lines 14 and 15, "wherein  $1.0 \ge w \ge 0$  and 1.5 $\geq$  x  $\geq$  0 and wherein M when present is one or more metal ions." should be deleted.

Column 10, line 45, "degrees (20) at" should be -degrees  $(2\theta)$ at-.

Column 17, line 44, "deceasing H-bonding" should be decreasing H-bonding-.

Ian C. McLeod MAILING ADDRESS OF SENDER: McLeod & Moyne, P.C. 2190 Commons Parkway Okemos, Michigan 48864

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No. of additional copies



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